



State of New Hampshire  
DEPARTMENT OF ENVIRONMENTAL SERVICES

64 No. Main Street, P.O. Box 2008, Concord, NH 03302-2008  
(603) 271-3406 FAX (603) 271-7894



April 9, 1999  
Letter of Deficiency  
DAM # 036.09

Mr. David Barrett  
Marval Chase, Inc.  
59 Round Hill Road  
Dobbs Ferry, NY 10522

RE: Lary Pond Dam, Canaan

Dear Mr. Barrett:

The Department of Environmental Services, Dam Bureau (DES) consistently strives to enhance the safety of dams in New Hampshire through its dam safety program. One of the many instruments that plays a part in reaching this goal is our inspection program. The DES is forwarding this correspondence to you to advise you that in accordance with RSA 482:12 and Env-Wr 502.02, an inspection of the subject dam was conducted on June 22, 1998. During this visual inspection and/or file review, the following deficiencies were observed:

- 1 The concrete retaining wall, making up the primary spillway was cracked and displaced in several sections to the right and left of the lower spillway. At least five major cracks were noted in the concrete wall to the left of the lower spillway. To the right of the lower spillway one vertical crack and one transverse crack along the base of the wall was noted;
2. The concrete abutment walls of the lower spillway were cracked at the interface with the upper spillway;
3. There was brush growth on both the right and left embankments; and
4. There was no operation and maintenance plan on file with the DES.

The DES believes that the above deficiencies can be corrected by performing the following items by the indicated dates:

June 7, 1999:

1. Remove the brush growth on both the right and left embankments;
2. Prepare and submit to the DES a written operational procedure plan. The plan should describe the control of impoundment levels, monitoring and maintenance procedures, and identify emergency contact personnel;

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November 1, 1999:

3. Repair the concrete retaining wall, making up the primary spillway, which was cracked and displaced in several sections to the right and left of the lower spillway. At least five major cracks were noted in the concrete wall to the left of the spillway. To the right of the lower spillway one vertical crack and one transverse crack along the base of the wall was noted; and
4. Repair the concrete abutment walls of the lower spillway which were cracked at the interface with the upper spillway.

The DES is requesting that you complete and submit the attached "Intent to Complete Repairs" form, within 30 days of receipt of this letter, that will provide for correction of the identified deficiencies by the date(s) indicated above. If you believe changes to the items of work or dates are necessary, please make the changes directly on the form and provide a brief explanation. We have enclosed a self addressed stamped envelope for you to return this form.

Our intent in sending you this correspondence is to make you aware of items that DES believes warrant your attention to insure the continued safe operation of your dam. It is our hope that, through the submittal of the attached form and a commitment to keeping a well-maintained dam, you will voluntarily comply with the requested items of work. If we do not receive the intent form or a similarly adequate written reply, we will assume that you are in agreement with our findings and recommendations and DES will carry out follow-up inspections accordingly.

If you have any questions or comments regarding this Letter of Deficiency or would like to be present at future inspections, please contact me at 271-3406, or write to the Water Division at the address listed on the top of the previous page.

Sincerely,  
  
**COPY**  
Grace E. Levergood, P.E.  
Dam Safety Engineer

Attachments Guideline for an O&M plan, DB8, DB13

cc: Gretchen Rule

Town of Canaan

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